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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

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LIST OF PRIOR ART CITED BY APPLICANT

APPLICANT Raymond F. Gesteland et al.

FILING DATE January 14, 2002

GROUP ~~1633~~ 1631

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
AG					

OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])

EDS	AH	Christian Lefebvre d'Helencourt, et al., Inhibition of human TNF- α and LT in cell-free extracts and in cell culture by antisense oligonucleotides; Biochimica et Biophysica Acta, 1996, Vol. 1317, pp. 168-174.	
EDS	AI	Kalim U. Mir et al., Determining the influence of structure on hybridization using oligonucleotide arrays; Nature Biotechnology, 1999, Vol. 17, pp. 788-792.	
	AI	Ming-Yi Chiang, et al., Antisense Oligonucleotides Inhibit Intercellular Adhesion Molecule-1 Expression by Two Distinct Mechanisms; Journal of Biological Chemistry, 1991, Vol. 266, No. 27, pp. 18162-18171. Duplicate	
EDS	AK	C. Frank Bennett, et al., Inhibition of Endothelial Cell Adhesion Molecule Expression with Antisense Oligonucleotides; Journal of Immunology, 1994, Vol. 152, pp. 3530-3540.	
	AL	Che-Hung Lee, et al., Antisense Gene Suppression Against Human ICAM-1, ELAM-1, and VCAM-1 in Cultured Human Umbilical Vein Endothelial Cells; SHOCK, 1995, Vol. 4, No. 1, pp. 1-10.	
	AM	Loren Miraglia, et al., Inhibition of Interleukin-1 Type I Receptor Expression in Human Cell-Lines by an Antisense Phosphorothioate Oligodeoxynucleotide, Int. J. Immunopharmac., 1996, Vol. 18, No. 4, pp. 227-240.	
	AN	Siew Peng Ho, et al., Mapping of RNA accessible sites for antisense experiments with oligonucleotide libraries, Nature Biotechnology, 1998, Vol. 16, pp. 59-63.	
	AO	Guang-chou Tu, et al., Tetranucleotide GGG Motif in Primary RNA Transcripts, Journal of Biological Chemistry, 1998, Vol. 273, No. 39, pp. 25125-25131.	
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	AQ	Andrea D. Branch, A good antisense molecule is hard to find, TIBS, 1998, Vol. 23, pp. 45-50.	

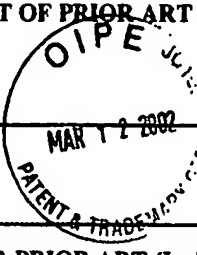
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Eui De Jong

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FOREIGN PATENT DOCUMENTS - None							
OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])							
EDJ	AR		O.V. Matveeva, et al., Identification of sequence motifs in oligonucleotides whose presence is correlated with antisense activity; Nucleic Acids Research, 2000, Vol. 28, No. 15, pgs. 2862-2865. ✓				
	AS		Volker Patzel, et al., A theoretical approach to select effective antisense oligodeoxyribonucleotides at high statistical probability; Nucleic Acids Research, 1999, Vol. 27, No. 22, pgs. 4328-4334. ✓				
	AT		Slew Peng Ho, et al., Potent antisense oligonucleotides to the human multidrug resistance-1 mRNA are rationally selected by mapping RNA-accessible sites with oligonucleotide libraries; Nucleic Acids Research, 1996, Vol. 24, No. 10, pgs. 1901-1907. ✓				
	AU		Olga Matveeva, et al., Prediction of antisense oligonucleotide efficacy by in vitro methods; Nature Biotechnology, Dec. 1998, Vol. 16, pgs. 1374-1375. ✓				
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	AW		Ming-Yi Chiang, et al., Antisense Oligonucleotides Inhibit Intercellular Adhesion Molecule 1 Expression by Two Distinct Mechanisms; The Journal of Biological Chemistry, Sept. 25, 1991, Vol. 266, No. 27, pgs. 18162-18171. ✓				
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	BA		Brett P. Monia, et al., Antitumor activity of a phosphorothioate antisense oligodeoxynucleotide targeted against C-ras kinase; Nature Medicine, June 1996, Vol. 2, No. 6, pgs. 668-675. ✓				
	BB		Alistair J. Stewart, et al., Reduction of Expression of the Multidrug Resistance Protein (MRP) in Human Tumor Cells by Antisense Phosphorothioate Oligonucleotides; Biochemical Pharmacology, 1996, Vol. 51, pgs. 461-469. ✓				
	BC		Nicholas M. Dean, et al., Inhibition of Protein Kinase C-α Expression in Human A549 Cells by Antisense Oligonucleotides Inhibits Induction of Intercellular Adhesion Molecule 1 (ICAM-1) mRNA by Phorbol Esters; The Journal of Biological Chemistry, June 10, 1994, Vol. 269, No. 23, pgs. 16416-16424. ✓				
	BD		Stanislaw M. Stepkowski, et al., Blocking of Heart Allograft Rejection by Intercellular Adhesion Molecule-1 Antisense Oligonucleotides Alone or in Combination with Other Immunosuppressive Modalities; The Journal of Immunology, 1994, Vol. 153, pgs. 5336-5346. ✓				
✓	BE		Jennifer L. Duff, et al., Mitogen-activated Protein (MAP) Kinase Is Regulated by the MAP Kinase Phosphatase (MKP-1) in Vascular Smooth Muscle Cells; The Journal of Biological Chemistry, March 31, 1995, Vol. 270, No. 13, pgs. 7161-7166. ✓				
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